

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

1/24

kb

CTGF

← 2.4

GAPDH

← 1.4

1 2 3

Fig. 1

2/24

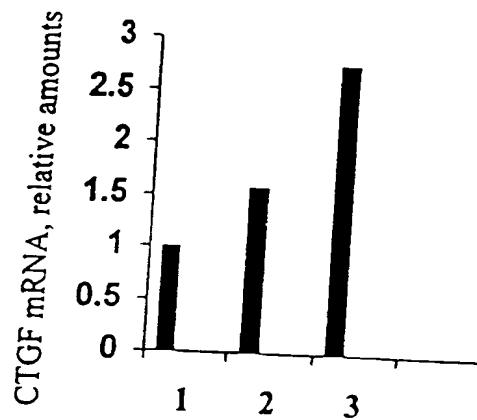


Fig. 2

3/24

CTGF

+

bp

Fibronectin

639

Collagen IV

←

493

Collagen I

←

313

GAPDH

452

1

2

Fig. 3

4/24

rat: 1 atctccacccgGgttaccaatgacaatacTttctgcagGctggagaagcagagTcgTctc 60
mouse: 783 atctccacccgagttaccaatgacaataccttctgcagactggagaagcagagccgcctc 842

rat: 61 tgcatggtcaggccctgTgaagctgacctAgaggaaaacattaagaagggcaaaaagtgc 120
mouse: 843 tgcatggtcaggccctgcgaagctgacctggaggaaaacattaagaagggcaaaaagtgc 902

rat: 121 atccggacGcctaaaatTgccaagcctgtcaagttgagcttctggctgcaccagtgtg 180
mouse: 903 atccggacacccatcgccaaagcctgtcaagttgagcttctggctgcaccagtgtg 962

rat: 181 aagacCtacCgggctaagttctgTggggtgtgcacGgacggccgtgtgcacacccgac 240
mouse: 963 aagacatacagggctaagttctgccccatgcgggtgtgcacagacggccgtgtgcacacccgac 1022

rat: 241 agaaccaccacActgccggtgagttcaaGtgcggccatggcgaAtcatgaaaaagaac 300
mouse: 1023 agaaccaccactctgccagtggagttcaaattgcggatggcgagatcatgaaaaagaat 1082

rat: 301 atgatgttcatcaagacctgtgcctgcattacaactgtcc 341 (SEQ ID NO: 29)
mouse: 1083 atgatgttcatcaagacctgtgcctgcattacaactgtcc 112 (SEQ ID NO: 30)

Fig. 4

09/914191

WO 00/50637

PCT/IE00/00026

5/24

rat: 1 ISTRVTNDNTFCRLEKQSRLCMVRPCEADLEENIKKGKKIRTPKIAKPVKFELSGCTSV 180
mouse: 216 ISTRVTNDNTFCRLEKQSRLCMVRPCEADLEENIKKGKKIRTPKIAKPVKFELSGCTSV 275

rat: 181 KTYRAKFCGVCTDGRCTPHRTTLPVEFKCPHGEIMKKNMMFIKTCACHYNC 339 (SEQ ID NO: 31)
mouse: 276 KTYRAKFCGVCTDGRCTPHRTTLPVEFKCPDGEIMKKNMMFIKTCACHYNC 328 (SEQ ID NO: 32)

Fig. 5

6/24

bp

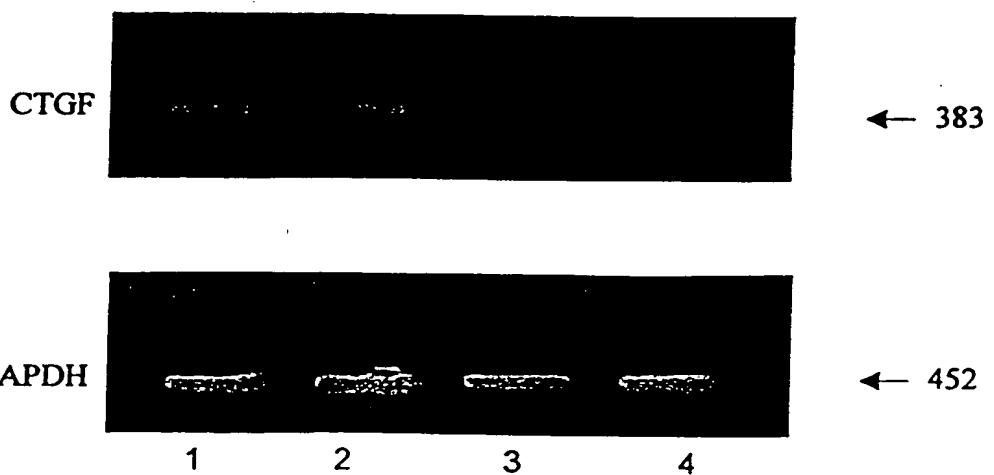


Fig. 6

7/24

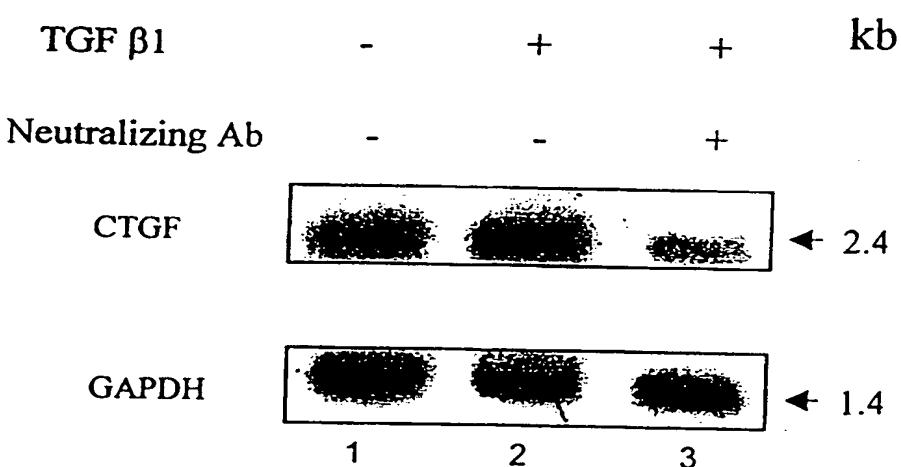


Fig. 7

8/24

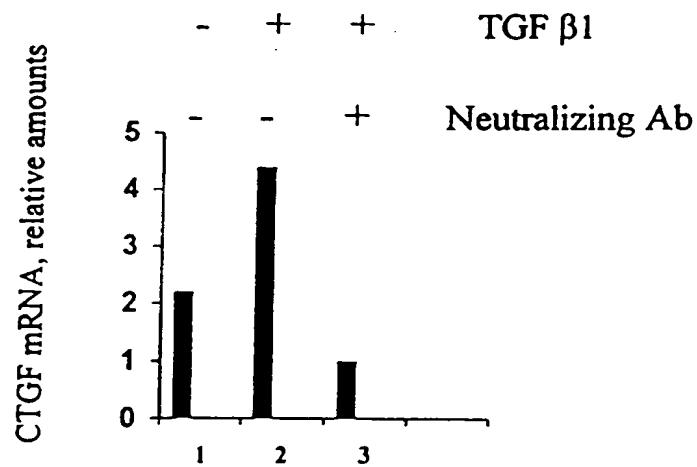


Fig. 8

9/24

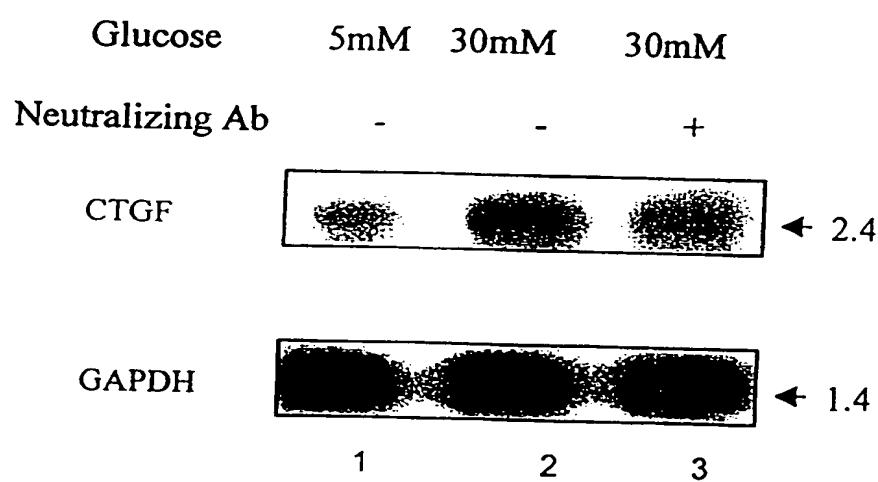


Fig. 9

09/9141,1

WO 00/50637

PCT/IE00/00026

10/24

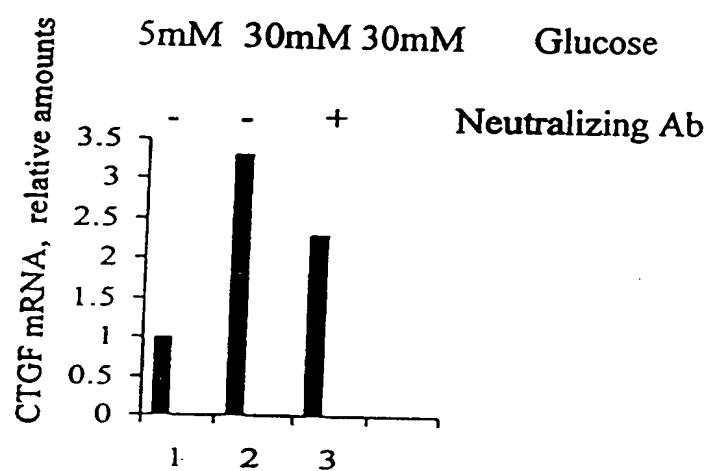


Fig. 10

03232141521 03232141521
09/14/21

WO 00/50637

PCT/IE00/00026

11/24

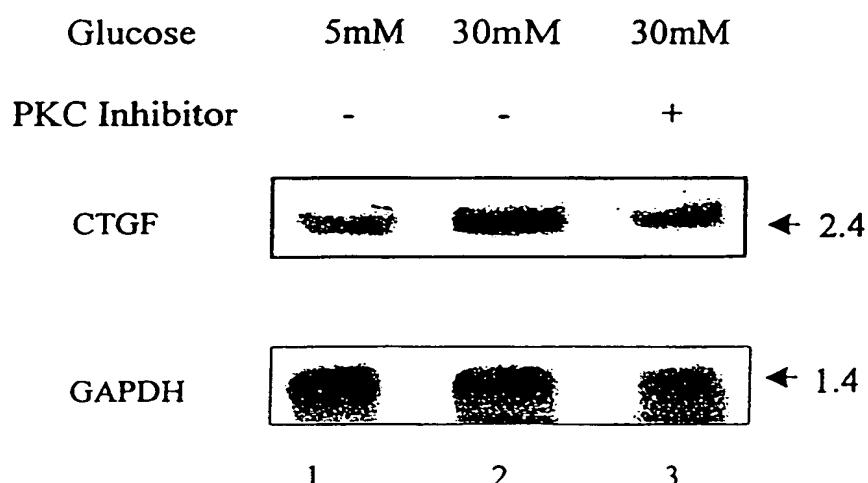


Fig. 11

12/24

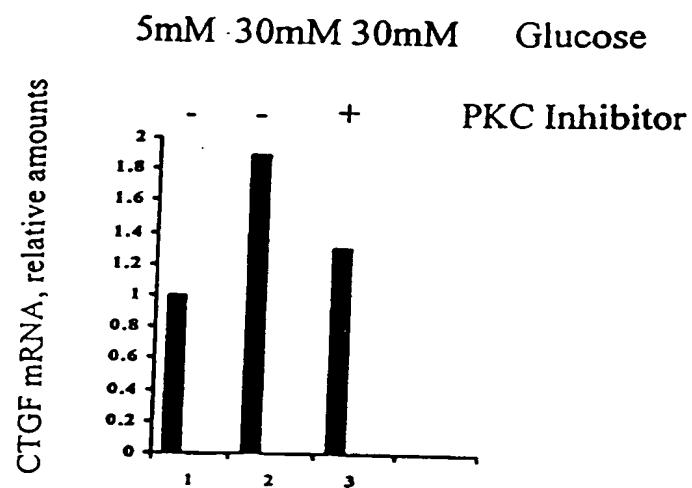


Fig. 12

13/24

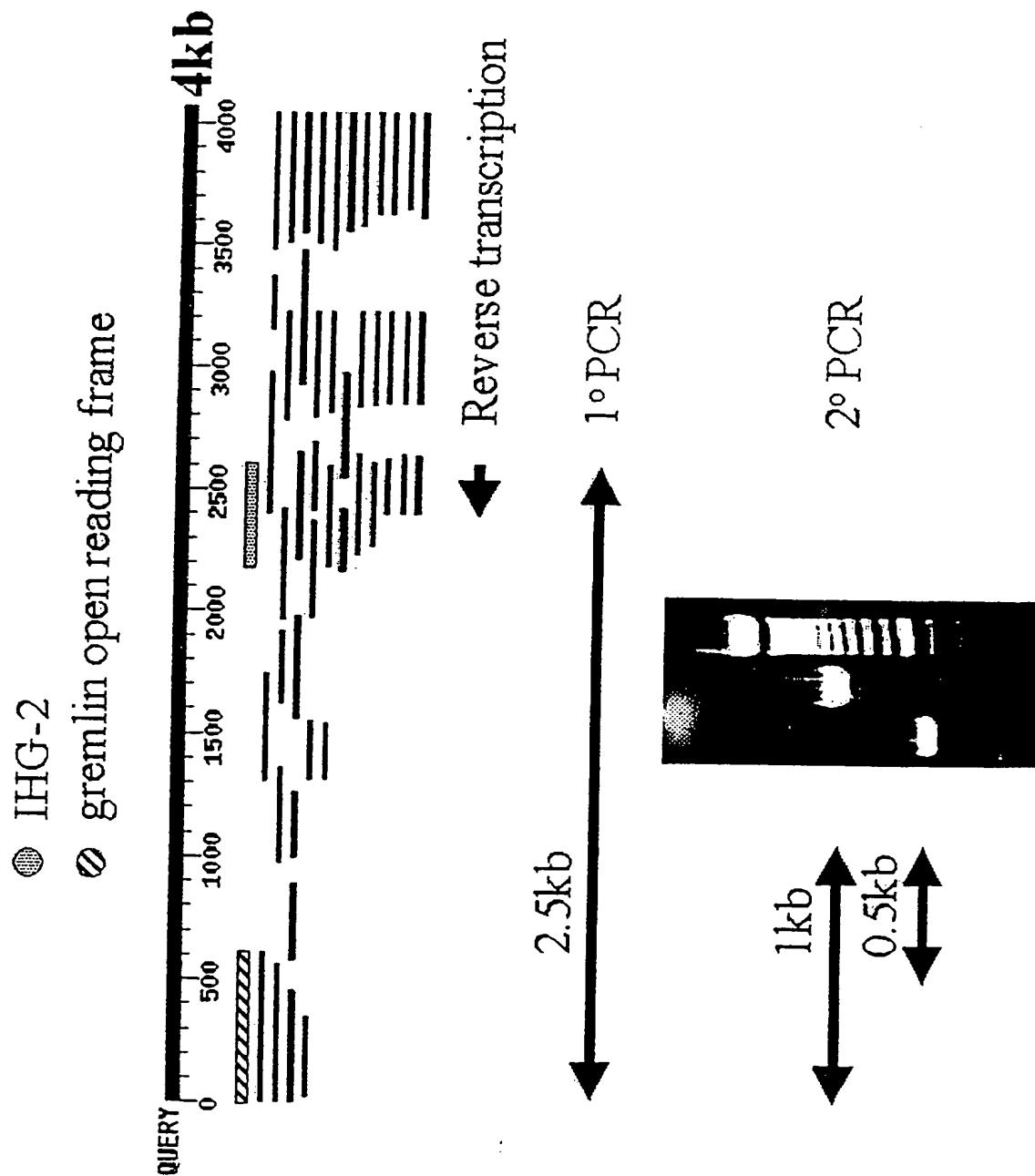


Fig. 13

14/24

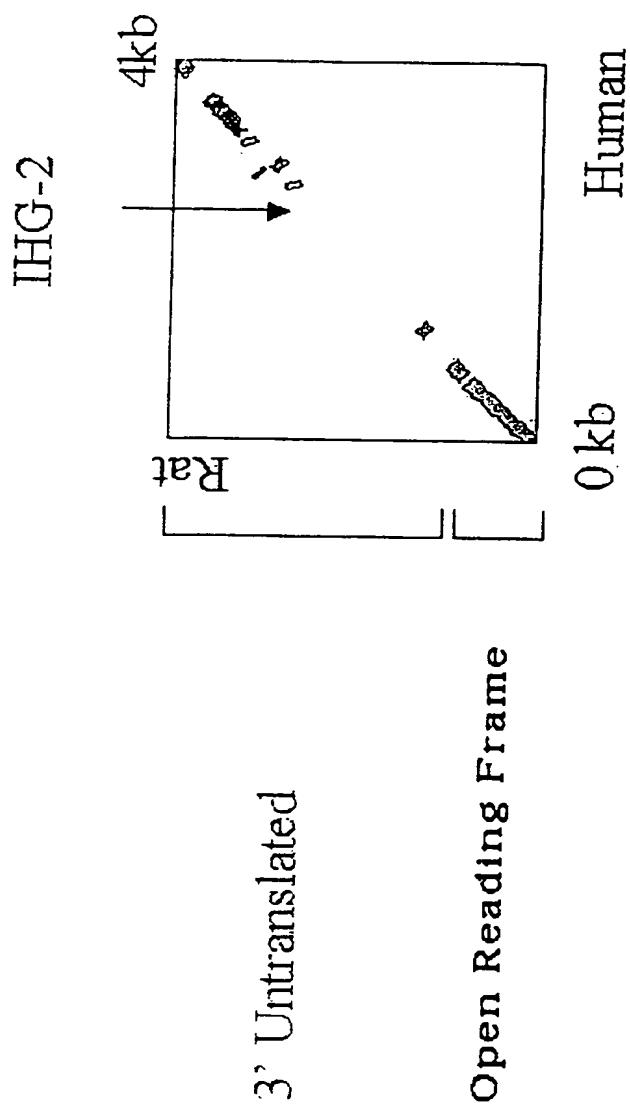


Fig. 14

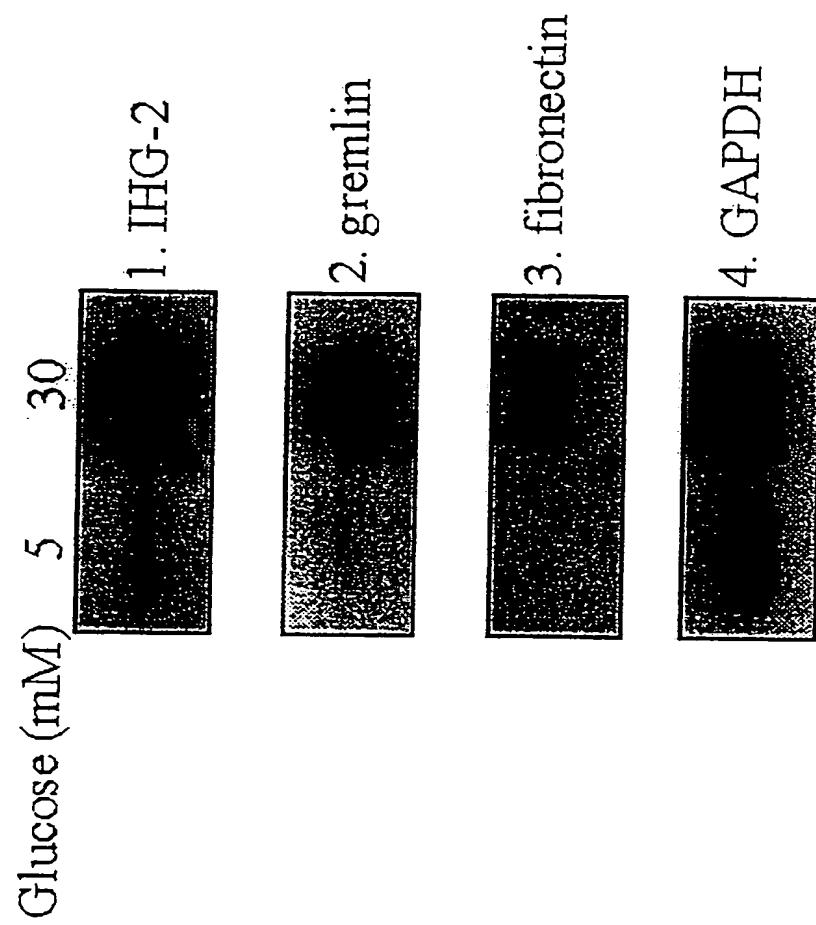
15/24

1 GCGGCCGCACTCAGCGCACCGCTGAAAGCGCAGGCCCGAGGACCCCGCACTGACAGTATGAGCCGACAG
 76 CCTACACGGGGAGCCCTGCTTCTCTGGGGACCTGCTGCCGGCTGCTGAAGGAAAAAGAAAGGGTCCC
 151 Y T V G A L L L L G T L L P A A E G K K K G S Q
 151 AAGGGCCATCCCCCGCCAGACAAGGCCAGCACATGACTCAGAGCAGACTCAGTCGCCAGCAGCCCTGGCT
 226 G A I P P P D K A Q H N D S E Q T Q S P O Q P G S
 226 CCAGGAACCGGGGGCCAGGGCGGGCAACTGCCATGCCGGGAGGGTCTGGAGTCCAGCCAAGGG
 301 R N R G Q G R G T A M P G E E V L E S S Q E A
 301 CCCTGCATGTGACGGCAGAACATCTGAAAGCGAGACTGGTCAAGCAGACCATCCACG
 376 L H V T E R K Y L K R D W C K T Q P L K O T I H E
 376 AGGAAGGCTGCAACAGTCGACCATCATCAACCGCTTCTGTACGGCAGTGAACACTTTCTACATCCCCAGGC
 451 E G C N S R T I I N R F C Y G Q C N S F Y I P R H
 451 ACATCCGGAAGGAGGAAGGGTCTTCAGTCTGCTCTGCAAGGCCAAGAAATTCACTACCATGATGGTCA
 526 I R K E E G S F Q S C S F C K P K F T T M M V T
 526 CACTCAACTGCCCTGAACACTACAGGCCACCTACCAAGAAGAAGAGTCACACGTGTGAAGCAGTGTGTCATAT
 601 L N C P L Q P T K K K R V T R V K Q C R C I S
 601 CCATCGATTGGATAAGCCAATCCAGGTGCAACCCAGCATGCTCTAGGAATGCAAGCCCAGGAAGTCCCAGACC
 676 I D L D
 676 TAAAACAACCAGATTCTACTTGCTTAAACCTAGAGGCCAGAAGAACCCCCAGCTGCCCTCTGGCAGGAGCCTG
 751 CTTGCGTAGTCTCGTGCATGAGTGTGGATGGTGCCTGTTGGTTAGACACCAGAGAAAACACAGTCT
 826 CTGCTAGAGAGCCTCCCTATTGTAACATCTGCTTAAATGGGGATGACAGAAACCCACCTCCCCGG
 901 CTCACATCTAAAGGGCGGGCGCTGGTCTGACTTTGTGTTCTGCCCTCTGGGACAGAAATCTC
 976 CTTTCGGAAATGAATGTTATGGAAAGGGCTCTGAGGGCAAGAGACCTGTTAGTGTGCAATTGACATGGAA
 1051 AAAGTCCTTTAACCTGTGCTGCATCCTCCCTCCCTCACAATCCATCTCTTAAGTGTAGT
 1126 GACTATGTCAGTCTAATCTCTGTTGGCAAGGTTCTAAATTAACCTAAACCATGATGCAAAATGTTTCA
 1201 TTTTGAGAGACCCCTCCAGACTGGAGGGCTGGTGGCAAGGACAAGCAGGATAGTGGAGTGGAAAAGGG
 1276 AGGGTGGAGGGTGGAGGCCAATCAGGTCAACAAAGTCAGTGGGACATTGCAAGGCTTGAAGGCAATACC
 1351 AGAACACAGGCTGATGCTCTGAGAAAGTCTTCTAGTATTAACAGAACCCAAAGTGAACAGAGGAGAAATGA
 1426 GATTGCGAGAAAGTGTAACTTGGCGTGCATCTGCTCAACACCAAAACTGAAAACATAAATACTG
 1501 ACCACTCTATGTCGGACCAAGCAAGTAGCTAAACAAACCAACTCCCTGCTTGTCCCTCAGGTGGAAAAA
 1576 GAGAGGTAGTTAGAACTCTGCACTAGGGTGGGAATTAAACAAAACCKCAAGGGTGAATTCTAATACCT
 1651 TTCTTTATCGTGGTTAGTCAGCTCATTTCCATTCCACTATTCCTAATGCTCTGAGAGCCACTAATCTG
 1726 ATTGATAAAAGATCCTGCCTCTGCTGAGTGTACCTGACACTAAGTCAAGATGARAGAGTTAGGGACTACTCTG
 1801 TTTAGCAAGARATATTGTGGGGCTTGTGTTAACTATGTCAGGAGTGGCTARAGAGAAGACGACGA
 1876 GACTAAGGAAATAAAGGGGATTTGCTCTGCTGAGAGTAGTTAGGTAAACCTGGTAGAAATGTAAGGGA
 1951 TATGACCTCCCTTCTTATGTGCTCACTGAGGATCTGAGGGGACCCCTGTTAGGAGAGCATGACATGATGTA
 2026 TTAGCTGTTCATCTGCTACTGGTGGATGACATAACTATTGTAACTATTCACTGTTAGGACTGTC
 2101 TCTGATTAACCTGGCTACTGGCAATGGCTACTAGGATTGATCTAAGGGCAAAAGTGCAGGGTGGTGA
 2176 TATTGTTGATTGGTAACTCTGTTCTCAAGGCTGAGGTTATATACAAACTCCCTGAATAACTCTT
 2251 TTGCTCTGTATCTCTAGCCTCTAGCCAAGTCTATGAAATGAAAACACACTGCAAGACTTGGAGATTCA
 2326 GTTGGCGATCAAGGCTCTGGCATTAGAGAACCCCTGCAACTCGAGAACAGTGTGTTTATTGTTGTTTGA
 2401 TCCAGTGTCTCCCATCTAAACACTAAACAGGCCATTTCAAGGGGGAGATTTAAACACCCAAAATGTTG
 2476 GGTCTGATTTCAAACTTTAAACTCAACTGATGATTCTACGCTAGGGCAATTGCTTCAACACATGTTG
 2551 TGTGTTTGTATACACTGATGACCCACCCAAATCTTGTATGCTTCAACAAATAAGCACAGAG
 2626 TGAGTTAAAGCACACAAATGCAAGGAGAATTGGAGGGGGAGAGAAAAGGGAAAAGAGCTGAAA
 2701 ATGTTAAACACACACAGGAGGAAATGACATTAGAACCAGAACACTGAAATTCTCTGTTGTTTAACTC
 2776 TGCCACAAAGATGCAATTGCTTAATGGAGATGACTAAGTGGCAGCAGTAATCTCTTCTAGGAGCTGTACC
 2851 ACAGTCTTGCACATAACTGCAAGATTGGCTCAAGTAAGAGAAATTCCTCAACACTAACTTCACTGGGATATCA
 2926 GCAGCGTAACACCCCTAAAGCATACTAGCCAAAGAGGGAAATATCTGTTCTTACTGCTCTATATAA
 3001 GACTGATCAAATGCTGTTCTCAACTTGTAACTGAAATGCACTATCTATACCATATTGCTGAGTCAC
 3076 TGATGATGTAATGATATTTTCTTATGATGAAATTGATGTCACACTTGTGCTTGTGAGTCAC
 3151 ACCTATTAAATAATGCCAAACCAAAATGAAATTGATGTCACACTTGTGCTTGTGAGTCAC
 3226 ACACACATCCTGGAACTCTGTAAGTGTGTTTGTACTGAGGTCTCAAGGTTAAGAGTGAAGTGA
 3301 TGGAGGAGGGATAATTCCACTGTTGGAATGTAAGTTAAATGAAAAGTTATGGTTATTAATGTAATT
 3376 TACTTCAATCCTTGTCACTGTTGATTCACATGTTCTTCTCCTTATGACTTCTGAGTTGG
 3451 GCAAAGAAGAGCTGACACACCGTATGTTAGGTAGCTTCTGAGGGAAACAAATCTGACCCAGC
 3526 TGAACATGCTCTGAGTCAGTCTGAACTTATTGTTAAATTGAAATCTCTTAAAGGTTAACATTCTA
 3601 AAGCAATATTAAGAAGACTTAAATGTTATTGGAGACTTACGATGATGATACAAACGAATAGCAGATAA
 3676 TGATGACTAGTTACACATAAAGCTTAAAGGAGAAAATCTAAATGAAAAGTTATGGTTATTAATGTAATT
 3751 AGTGATCAGTTATGCTTAAGGAGTGAAGAGTAGTTCTATGACATTCTCAAGATATTAAATCACTGCTT
 3826 GTATTATGCTCTGCTTAATCAATTAAACGGCAAGAATTATAGACTATGAGGTACCTGCTGTAGGAGG
 3901 ATGAAAGGGAGTTGATAGTCATAAAACTAATTGGCTCAAGTTCTGATGAACTGTAACAGATAATT
 3976 TCACCCAAATAATGTTCTATAGCCTTGTAAAGAGCAACTAATAAATTAAACCTATTCTCAAAAAAAA

(SEQ ID NO: 33)

Fig. 15

16/24



17/24

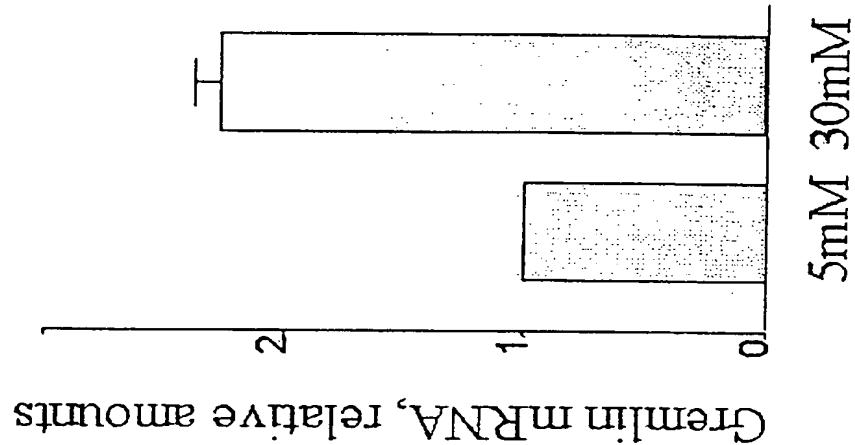


FIG. 17

18/24

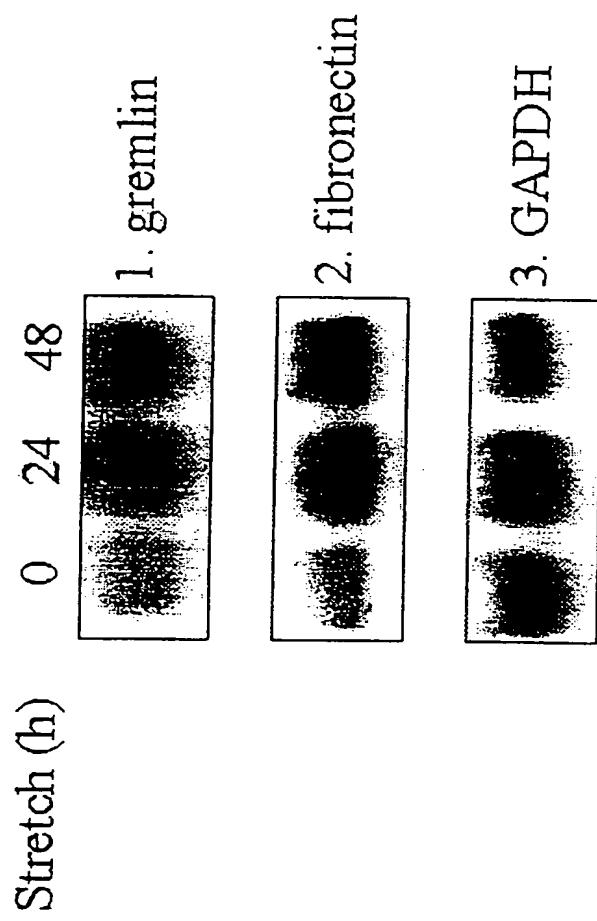


FIG. 18

19/24

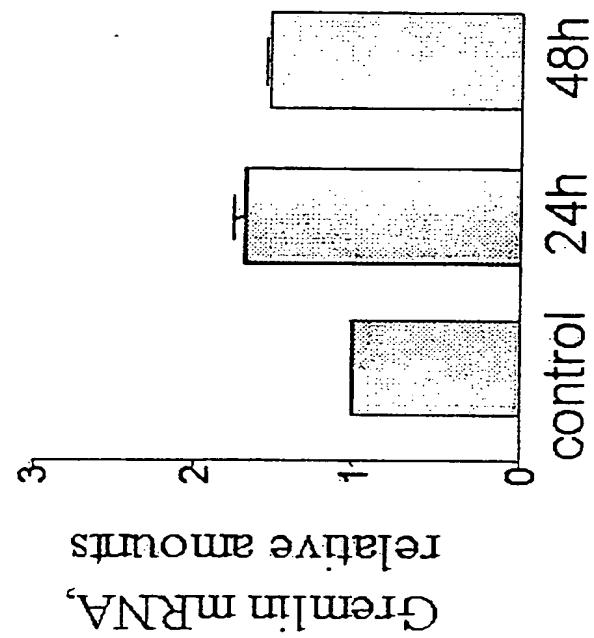


FIG. 19

090314191, 032401
09/914191

WO 00/50637

PCT/IE00/00026

20/24

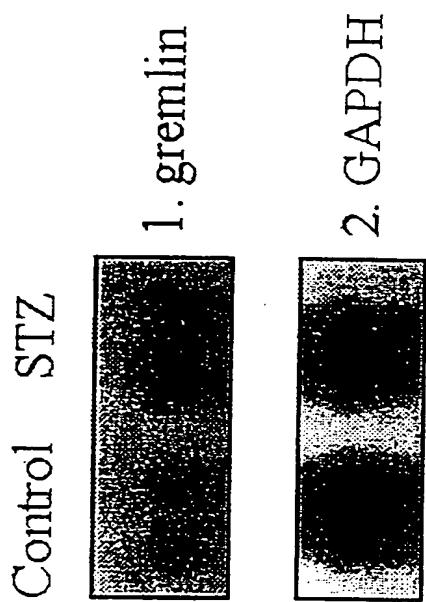


FIG. 20

21/24

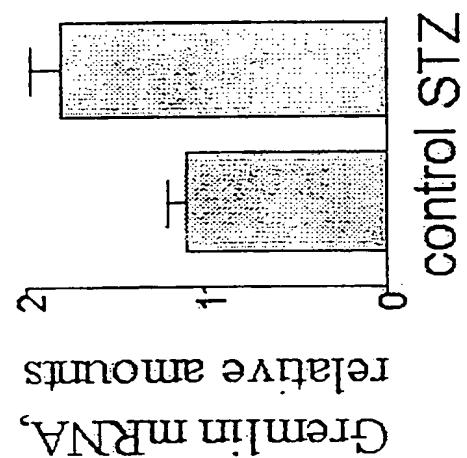


FIG. 21

22/24

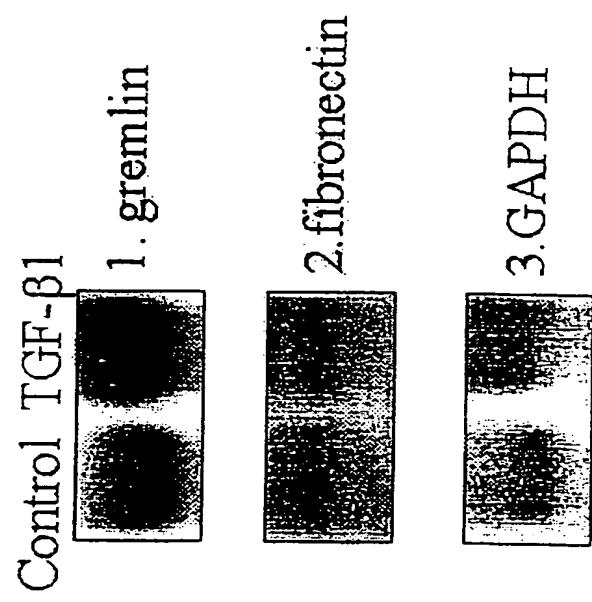


Fig. 22

23/24

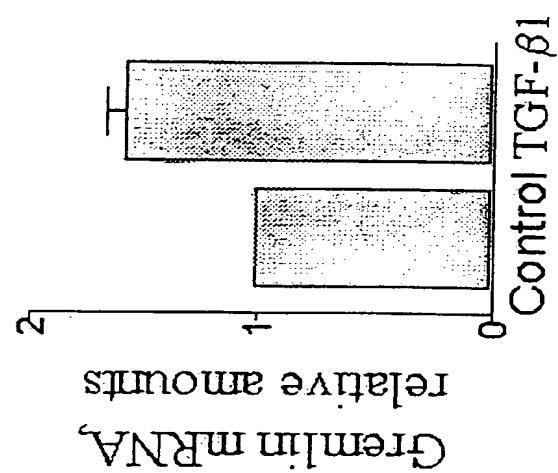


Fig. 23

24/24

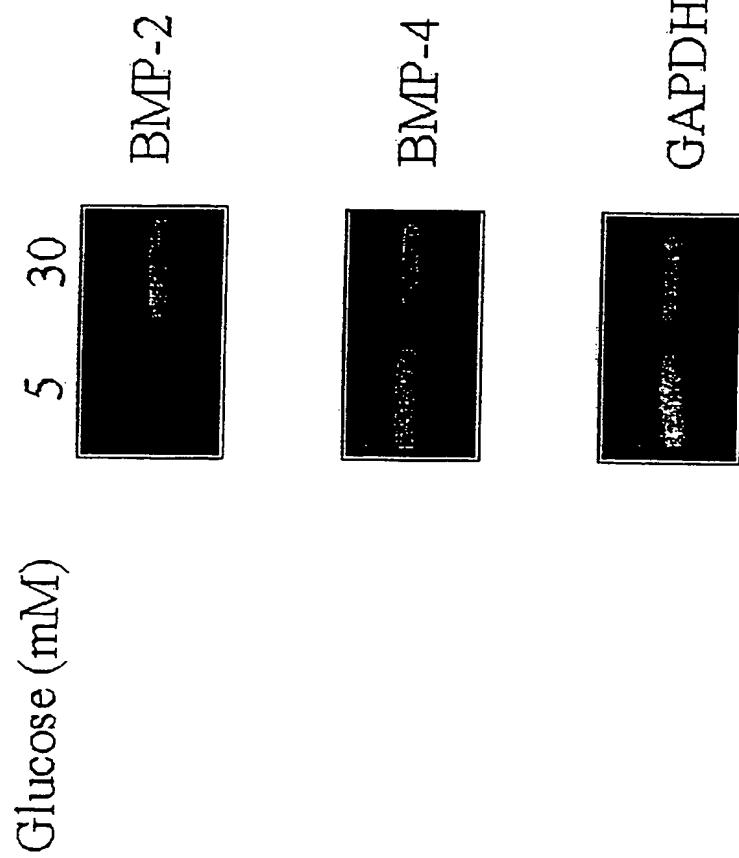


Fig. 24